

SONY®

SPECIAL EFFECTS GENERATOR

MODEL SEG-1



The Sony Special Effects Generator SEG-1 provides such dramatic effects as switching, fading, superimposing, or wiping two video signals. The SEG-1 can accept inputs of up to four video cameras and can monitor the output of each camera. One channel may be inverted, if desired, to yield a negative picture. In addition, an internal sync generator supplies 2:1 interlace sync, or sync may be supplied from an external source.

The SEG-1 can be used with any Sony video camera or any other video camera with external sync input, any monitor, and any video tape recorder.

APPLICATIONS

The SEG-1 will serve any application that calls for smooth continuity and dramatic effects in video tape production. Some typical examples are:

- Industrial TV Systems ■ Sports and
- Educational TV Systems Entertainment
- Surveillance Systems ■ Sales Presentations
- Medical and Hospital ■ Military and
- Training Governmental

FEATURES

SWITCHING



SUPERIMPOSING



MONITORING



HORIZONTAL WIPES



CORNER INSERTS



FADING



VERTICAL WIPES



NEGATIVE VIDEO



SPECIFICATIONS MODEL SEG-1

Camera video inputs: 1—1.4V p-p; sync negative;
75 ohm impedance input 1
must be supplied with composite video

Number of camera inputs: 4; Hirschmann 6-pin receptacle

Monitor video outputs: 1—1.4V p-p (dependent upon input);
sync negative; 75 ohm impedance

Number of monitor outputs: 4; SO-239 UHF receptacle

Number of line outputs: 2; 1 Hirschmann 6-pin receptacle,
1 SO-239 UHF receptacle

Internal sync: 2; 1 interlace when SYNC SELECT switch
is set to INT.

External sync: Accepts vertical and horizontal sync
from CV-Series Videocorders, or vertical
sync (-4V p-p) from an external 2:1 EIA
sync generator (see pin connections below)

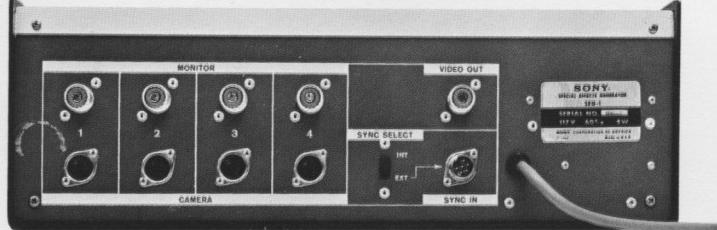
Power requirements: 117V, 60 Hz, 3-wire parallel ground plug

Power consumption: 7 watts

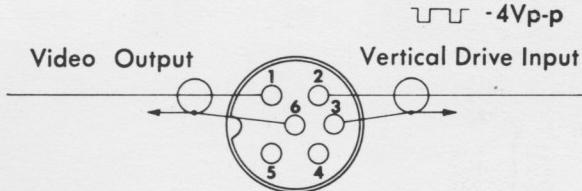
Dimensions: 5½" (H) x 15½" (W) x 10" (D)

Weight: 8½ pounds

REAR PANEL



PIN CONNECTIONS



SOLD BY

Design and specifications subject to change without notice.

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